

## 04/07/14     Agenda

- Remediation Packet for Unit 7 is on line
  - Due today
- Review
  - Worksheet 6 (due Friday)
  - Worksheet 7 (Friday in class)
- Polynomials - day 11
  - Review GCF
  - Review Factoring Trinomials
- **Mini-Quiz**

$$2.) (a+4)(a-9)$$

4.)  $(x-2)(x-2)$   
or  $(x-2)^2$

6.)  $(r-4)(r+3)$

$$\begin{array}{c|c} r & -1 \\ \hline r & r^2 - 1r \\ -1 & -1r + 1 \end{array}$$

$$\frac{(r-1)(r-1)}{(r-1)^2}$$

$$(x+1)(x-5)$$

$$x^2 - 5x + 1x - 5$$

$$\text{GCF} = 2$$

$$2x^2 - 10$$

$N_2, R, C$

9.  $x^2 - 4x - 5$

$a = 1$   
 $b = -4$   
 $c = -5$

$-5$   
 $a \cdot c$

$-1; 5 = 4$   
 $1; -5 = -4$

$(x+1)(x-5)$

	$x$	$-5$	
$x$	$x^2$	$-5x$	$-5$
$+1$	$+1x$	$-5$	$1; -5$

10.  $a^2 + 8a + 7$

$a = 1$   
 $b = 8$   
 $c = 7$

$7$   
 $a \cdot c$

$1; 7 = 8$   
 $b = 8$

$(a+1)(a+7)$

GCF

$3x^2 - 21$  GCF = 3

$3(x^2 - 7)$

$$a^2 + 8a + 7 = (a+1)(a+7) \quad \text{GCF} = 3$$

$$(a+7)(a+1) \quad 3 \quad \quad$$

$$Ax^2 + Bx + C$$

WHERE

$$A = 1$$

$$-x^2 + 13x - 30 = -1(x^2 - 13x + 30)$$

$$\underline{3x^2} + 20x + 12 \quad 36$$

$$(p-3)(p-10)$$

$$p^2 - 10p - 3p + 30$$

$$p^2 - 13p + 30$$

$$-3 \quad -10$$